

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Continuation Application of 09/825,446:

NAKAMURA, Keishi; and TATUGUCHI, Mikio

Group Art Unit: Not Yet Assigned

Serial No.: Filed Concurrently

Examiner: Not Yet Assigned

Filed: April 14, 2004

P.T.O. Confirmation No.: Not Assigned

For. LOW RESISTANCE VALUE RESISTOR

**INFORMATION DISCLOSURE STATEMENT PURSUANT TO 37 CFR 1.97(b)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

April 14, 2004

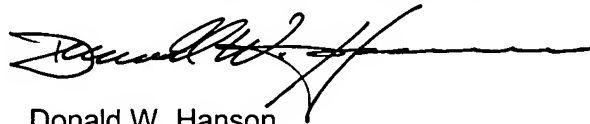
Sir:

This Information Disclosure Statement is being filed in order to comply with Applicant's duty of disclosure under 37 CFR 1.56. The documents listed on the Form PTO-1449 were made of record in parent application Serial No. 09/825,446.

The Commissioner is authorized to charge our Deposit Account No. 01-2340 for any fee which is deemed by the Patent and Trademark Office to be required to effect consideration of this statement.

Respectfully submitted,

ARMSTRONG, KRATZ, QUINTOS, HANSON & BROOKS, LLP



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Atty. Docket No. 010481A  
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PATENT TRADEMARK OFFICE

Enclosures: PTO-1449; PTO892 dated 8/13/01;  
PTO892 dated 9/17/02; PTO892 dated 2/19/03; PTO892 dated 6/11/03

<b>INFORMATION DISCLOSURE CITATION PTO-1449</b>	Atty. Docket No. 010481A	Serial Number: Filed Concurrently
	Applicant(s): Keishi Nakamura et al	
	Filing Date: April 14, 2004	Group Art Unit: Not Yet Assigned

### U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Name	Date	Class	Subclass	Filing Date (If appropriate)
_____	AA	5,604,477	Rainer et al	2/18/97	338	293	corresponds to reference AF
_____	AB						
_____	AC						
_____	AD						

### FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Translation (Yes or No)
_____	AE	2000-114009	4/21/00	JP	Yes, abstract
_____	AF	08-236324	9/13/96	JP	Yes, abstract, corresponds to reference AA
_____	AG	06-224014	8/12/94	JP	Yes, abstract
_____	AH	2-77101	3/16/90	JP	yes

### OTHER DOCUMENTS

_____	AI	
Examiner	Date Considered	

FORM PTO-892		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		SERIAL NO. <b>09/825446</b>	GROUP ART UNIT <b>2832</b>	ATTACHMENT TO PAPER NO.	<b>5</b>
NOTICE OF REFERENCES CITED				APPLICANT(S)  <b>Nakamura et al.</b>			
<b>U.S. PATENT DOCUMENTS</b>							
*		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	A	4,529,958	7/1985	Person et al.			
	B	4,580,095	4/1986	Vries	324	126	
	C	4,803,345	2/1989	Hoshizaki et al.	219	553	
	D	4,991,059	2/1991	Kiyose	361	773	
	E	5,111,002	5/1992	Hollander			
	F	5,214,407	5/1993	McKim Jr. et al.	338	49	
	G	5,218,334	6/1993	Bartlett	338	61	
	H	5,573,692	11/1996	Das et al.	219	543	
	I	5,999,085	12/1999	Szwarc et al.	338	309	
	J	6,148,502	11/2000	Gerber et al.	29	621	
	K	6,181,234	1/2001	Szwarc et al.	338	53	
<b>FOREIGN PATENT DOCUMENTS</b>							
*		DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS	SUB- CLASS
	L						
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<b>OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
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EXAMINER <b>Karl Easthom</b>			DATE <b>August 13, 2001</b>		Form892ccs2106b		
* A copy of this reference is not being furnished with this office action. (See Manual of Patent Examining Procedure, section 707.05(a).)							

FORM PTO-892		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			SERIAL NO. <b>09/825446</b>	GROUP ART UNIT <b>2832</b>	ATTACHMENT TO PAPER NO.	<b>16</b>
<b>NOTICE OF REFERENCES CITED</b>					APPLICANT(S)  <div style="text-align: center;">Nakamura et al.</div>			
<b>U.S. PATENT DOCUMENTS</b>								
*		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE	
	A	6,441,718	8/2002	Smejkal et al.	338	329		
	B							
	C							
	D							
	E							
	F							
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	H							
	I							
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<b>FOREIGN PATENT DOCUMENTS</b>								
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EXAMINER			DATE					
Karl Easthom			September 17, 2002					
Form892ccs2106b								
* A copy of this reference is not being furnished with this office action. (See Manual of Patent Examining Procedure, section 707.05(a).)								

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FORM PTO-892		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		SERIAL NO. 09/825446	GROUP ART UNIT 2832	ATTACHMENT TO PAPER NO. 18
NOTICE OF REFERENCES CITED				APPLICANT(S) Nakamura et al.		
U.S. PATENT DOCUMENTS						
*		DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS
	A	4,829,553	5/1989	Shindo et al.	338	309
*	B	6,005,474	12/1999	Takemuchi et al.	338	320
	C					
	D					
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	F					
	G					
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	K					
FOREIGN PATENT DOCUMENTS						
*		DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS
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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)						
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	S					
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EXAMINER Karl Easthom		DATE February 19, 2003		* updated 4/8/03 and FAXed to App. <b>FS</b>		
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FORM PTO-892		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		SERIAL NO. <b>09/825446</b>	GROUP ART UNIT <b>2832</b>	ATTACHMENT TO PAPER NO.	<b>24</b>
<b>NOTICE OF REFERENCES CITED</b>				APPLICANT(S)  <div style="text-align: center;">Nakamura et al.</div>			
<b>U.S. PATENT DOCUMENTS</b>							
*		DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	A	2,407,251	9/1946	Christensen	338	325	
	B	2,745,931	5/1956	Heibel	338	309	
	C	3,525,065	8/1970	Person	338	254	
	D	3,654,580	4/1972	Laisi	338	61	
	E	3,959,763	5/1976	Sibley et al.	338	20	
	F	4,083,029	4/1978	Lahiri	338	32S	
	G	4,912,974	4/1990	Inada et al.	73	204.25	
	H	5,287,083	2/1994	Person et al.	338	332	
	I	5,929,746	7/1999	Edwards Jr. et al	338	320	
	J	6,194,990	2/2001	Lee et al.	338	320	
	K	6,433,666	8/2002	Inoue et al.	338	22R	
<b>FOREIGN PATENT DOCUMENTS</b>							
*		DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS	SUB-CLASS
	L						
	M						
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<b>OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
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EXAMINER			DATE				
Karl Easthom			June 11, 2003				
Form892ccs2106b							
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